Amendment Dated On: Apr

April 22, 2005

Application in the National Phase

# **Amendments to Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

## Claim 1: (Currently amended)

[[A type of front-mounted booster, water-separation propeller, of which the feature lies in its composition of an influence tube, a left thin and flat gushing gutter, a right thin and flat gushing gutter, a booster and its axle, screwed connections. An influence tube, a left thin and flat gushing gutter, a right thin and flat gushing gutter and screwed connections compose the external part of this invention; and a booster and its axle compose the interior part of it. This inventive installation will be attached on the vessel with screwed connections.]]

It is a type of front-mounted water-separation propeller that features an inflow pipe, a left-side flat nozzle, a right-side flat nozzle, a propeller and its axle, and some connecting screws. An inflow pipe, a left-side flat nozzle, a right-side flat nozzle and connecting screws forms the external part of this invention, whereas a propeller and its axle the interior part of it. It is mounted with screws onto the front end, bow of the vessel.

# Claim 2: (Currently amended)

[[According to the front-mounted booster, water-separation propeller abovementioned in claim 1, the invention consists of the feature that the two thin, flat gushing gutters, of which the directions are open toward side back of the vessel.]]

According to the description in claim 1, both the left-side nozzle and the right-side nozzle have a backward opening on either side.

# Claim 3: (Currently amended)

[[According to the front-mounted booster, water-separation propeller above-mentioned in claim 1 or 2, the invention consists of the feature that the direction of the influence tube is open toward right front of the vessel.]]

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According to the descriptions in claim 1 and 2, the inflow pipe has its opening right on the front end, the bow of the vessel.

#### Claim 4: (Currently amended)

[[According to the front-mounted booster, water-separation propeller abovementioned in claim 1, 2, and 3, the invention consists of the feature that the sum of the areas of the outmost cut-off planes of two gushing gutters is equal to the area of the cut-off plane of influence tube.]]

According to the descriptions of claim 1,2, and 3, the total sectional space of the two backward openings of left-side and right-side flat nozzles equals the sectional space of the forward opening of the inflow pipe.

### Claim 5: (Currently amended)

[[According to the front-mounted booster, water-separation propeller abovementioned in claim 1, 2, 3, and 4, the invention consists of the feature that external part of this invention which is composed of an influence tube, a left thin and flat gushing gutter, a right thin and flat gushing gutter and screwed connections, is an independently changeable part.]]

According to the descriptions of claim 1, 2, 3, and 4, the external part of the invention with its inflow pipe, left-side and right-side flat nozzles and connecting screws is an independently replaceable one.

# Claim 6: (Currently amended)

[[According to the front-mounted booster, water-separation propeller abovementioned in claim 1, 2, 3, 4 and 5, the invention consists of the feature that the interior part which is composed of a booster and its axle is an independently changeable part.]]

According to the descriptions of claim 1, 2, 3, 4 and 5, the interior part of the invention with a propeller and its axle is an independently replaceable one.